



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 22, 2020

Henry Dao  
President/CEO  
HSP USA, LLC  
3111 Route 38, Suite 11, #310  
Mount Laurel, NJ 08054

Subject: Label Amendment: Emerging Viral Pathogens Claim  
Product Name: HSP20  
EPA Registration Number: 87518-1  
Application Date: March 17, 2020  
Decision Number: 560857

Dear Mr. Dao:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Because you have opted to add statements pertaining to emerging viral pathogens to your label as described in the August 19, 2016, Guidance to Registrants: Process For Making Claims Against Emerging Viral Pathogens Not On EPA-Registered Disinfectant Labels ("Guidance"), [https://www.epa.gov/sites/production/files/2016-09/documents/emerging\\_viral\\_pathogen\\_program\\_guidance\\_final\\_8\\_19\\_16\\_001\\_0.pdf](https://www.epa.gov/sites/production/files/2016-09/documents/emerging_viral_pathogen_program_guidance_final_8_19_16_001_0.pdf), you are subject to the following additional terms of registration:

1. You may make statements pertaining to emerging viral pathogens only through the following communications outlets: technical literature distributed exclusively to health care facilities, physicians, nurses and public health officials, "1-800" consumer information services, social media sites and company websites (non-label related). These statements shall not appear on marketed (final print) product labels.

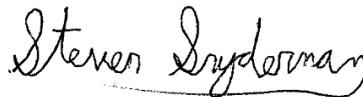
2. Your statements pertaining to emerging viral pathogens must adhere to the format approved on the Agency-accepted master label.
  3. You may make statements pertaining to emerging viral pathogens only upon a disease outbreak that meets all the following criteria:
    - a. The causative organism must be a virus that causes an infectious disease that has appeared in a human or animal population in the U.S. for the first time, or that may have existed previously but is rapidly increasing in incidence or geographic range.
      - i. For human disease, the outbreak is listed in one of the following Centers for Disease Control (CDC) publications:
        - A. CDC Current Outbreak List for “U.S. Based Outbreaks” ([www.cdc.gov/outbreaks](http://www.cdc.gov/outbreaks)),
        - B. CDC Current Outbreak List for “Outbreaks Affecting International Travelers” with an “Alert” or “Advisory” classification ([www.cdc.gov/outbreaks](http://www.cdc.gov/outbreaks)) (also released through the CDC’s Health Alert Network (HAN) notification process)
        - C. Healthcare-Associated Infections (HAIs) Outbreaks and Patient Notifications page ([www.cdc.gov/hai/outbreaks](http://www.cdc.gov/hai/outbreaks))
      - ii. For animal disease, the outbreak is identified as an infectious disease outbreak in animals within the U.S. on the World Organization for Animal Health (OIE) Weekly Disease Information page ([www.oie.int/wahis\\_2/public/wahid.php/Diseaseinformation/WI](http://www.oie.int/wahis_2/public/wahid.php/Diseaseinformation/WI)).
- A. The CDC or OIE has identified the taxonomy, including the viral family and/or species, of the pathogen and provides notice to the public of the identity of the emerging virus that is responsible for an infectious disease outbreak. Based on the taxonomy of the outbreak pathogen identified by the CDC or OEI, the pathogen's viral subgroup is large non-enveloped and enveloped.
  - B. The virus can be transmitted via environmental surfaces (non-vector transmission), and environmental surface disinfection has been recommended by the CDC, OIE or EPA to control the spread of the pathogen.
4. You may begin communicating statements pertaining to emerging viral pathogens only upon CDC or OIE’s publication per term 3.a. of an outbreak of an emerging viral pathogen meeting all of the criteria of term 3. You must cease and remove all such non-label communications intended for consumers no later than 24 months after the original publication of the outbreak per term 3.a., unless the Agency issue written guidance to the contrary due to continued public health concerns. The emerging pathogen claim language may remain on the master label.

5. Terms from points 1 through 4 above shall become immediately void and ineffective if registration for use against Norovirus is suspended or cancelled or no longer meets the criteria for a disinfectant claim (see EPA Product Performance Test Guideline 810.2200). In addition, terms B.1 through B.4 above shall become immediately void and ineffective upon your receipt of evidence of ineffectiveness against any pathogen in a less-resistant Spaulding category.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact the disinfectants list at [disinfectantslist@epa.gov](mailto:disinfectantslist@epa.gov).

Sincerely,



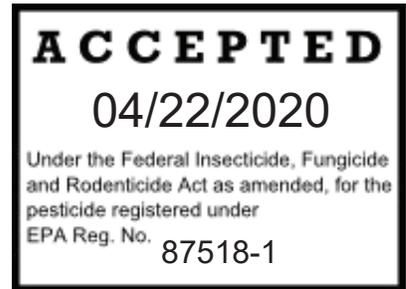
Steven Snyderman, Acting Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure: stamped label

Note: *Bold italic text is information for the reader and is not part of the label.* [Bracketed information and phrase sequence are optional unless specified in 40 CFR 156.10. Variables such as CAPITALIZATION, plurals, bold and italics are optional unless specified in 40 CFR. Listed uses and use sites can be used partially or in their entirety.

# (Hsp<sub>2</sub>O)<sup>®</sup>

Active Ingredient:  
Hypochlorous Acid .....0.018%  
Other Ingredients.....99.982%  
Total.....100.000%



KEEP OUT OF REACH OF CHILDREN

Manufactured by:  
HSP USA, LLC  
3111 Route 38, Suite 11, #310  
Mount Laurel, NJ 08054

EPA Registration Number: 87518-1  
EPA Establishment Number: 87518-NJ-002

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## OVERVIEW

**Description:**

***This product is a disinfectant for use on hard non-porous inanimate surfaces. This product is a super-oxidized, pH-neutral water based solution. It is a broad-spectrum, ready-to-use product that is especially useful in hospital patient care areas, dental offices, households, institutions, commercial facilities including childcare facilities, health clubs, laboratories, veterinary and pet care facilities, food processing, agricultural facilities, transportation and hospitality facilities, industrial areas.***

***When used according to the direction for use, this product disinfects hard non-porous surfaces including: stainless steel, chrome, glass, vinyl, glazed porcelain, non-porous plastics, baked enamel and glazed tile in the above application areas.***

| <b>Cleaning and General Use Claims (These could appear anywhere on the label)</b>  |  |  |
|--|--|--|
| <ul style="list-style-type: none"> <li>• Alcohol –and/or- bleach free</li> <li>• All purpose cleaner</li> <li>• Bathrooms, sinks and faucets and floor areas</li> <li>• Bleach [alcohol] [fragrance] [VOC] free</li> <li>• Clean before you shop</li> <li>• Cleans</li> <li>• Cleans bathroom soils</li> <li>• Cleans blood stains</li> <li>• Cleans everyday messes</li> <li>• Cleans fingerprints</li> <li>• Cleans food stains</li> <li>• Cleans mildew stains</li> <li>• Cleans rust</li> <li>• Clear drying formula</li> <li>• Color safe</li> <li>• Colorless</li> <li>• Compatible with equipment surfaces</li> <li>• [Compatible with -or- Suitable] [for use on] equipment surfaces</li> <li>• Compatible with -or- suitable –or- compatible with equipment surfaces for use on hospital surfaces</li> <li>• <b><i>[sites/surfaces listed on tables 1-6]</i></b></li> <li>• Complies with VOC laws</li> <li>• Contains non-VOC-emitting ingredients</li> <li>• Cuts -and/or- removes sweat</li> </ul> | <ul style="list-style-type: none"> <li>• Designed -or- Ideal for daily [cleaning] [use]</li> <li>• Durable and stable solution</li> <li>• Easy [cleaning]</li> <li>• Effective under ambient conditions</li> <li>• Four in One or 4 in 1 [formula] : [Kills Germs] [Eliminate Odor] [Removes Stains] [Destroys Allergens]</li> <li>• For direct application</li> <li>• For easy cleaning</li> <li>• Fragrance free</li> <li>• Good for use with microfiber cloths</li> <li>• Ideal for use in gyms - and/or- health clubs - and/or- wellness centers</li> <li>• Ideal for use in schools -and/or- daycare - and/or- universities - and/or- colleges - and/or- offices</li> <li>• Ideal for use on high touch surfaces</li> <li>• Labor saving no-rinse formula (rinse required on food contact surfaces)</li> <li>• [Leaves] [virtually] no residue</li> <li>• Light touch up quick cleaning</li> <li>• Made in USA</li> <li>• Multi surface cleaner disinfectant</li> </ul> | <ul style="list-style-type: none"> <li>• No added [perfumes] [and] [or] [dyes] [and] [or] fragrance</li> <li>• No fragrance added</li> <li>• No harsh chemical fumes, -or- smell, -or- odor, -and/or- buildup, - and/or- residue</li> <li>• No mixing</li> <li>• Non-corrosive –or- Non-staining of surfaces</li> <li>• <b><i>[sites/surfaces listed on tables 1-6]</i></b></li> <li>• No special handling or disposal requirements</li> <li>• No Personal Protective Equipment (PPE) required</li> <li>• No phosphates</li> <li>• No rinsing</li> <li>• No VOCs</li> <li>• Non-abrasive</li> <li>• Non-bleach</li> <li>• Noncorrosive</li> <li>• Non-flammable</li> <li>• Odorless</li> <li>• Packaging made with [x%] recycled –or- recyclable plastic</li> <li>• pH neutral</li> <li>• Ready to use</li> <li>• Removes [dried on][blood] stains</li> <li>• Removes [insert stain(s)/soil(s) from list below]</li> <li>• Spray trigger</li> <li>• [The] smell of clean</li> <li>• VOC compliant</li> <li>• VOC free</li> </ul> |

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| <b><i>Cleaning and General Claims: (These could appear anywhere on the label)</i></b>  |   |  |
|--|---|--|
| <b><i>Stains / Organics:</i></b>   |   |  |
| <ul style="list-style-type: none"> <li>Bathtub ring</li> <li>Beverage stains</li> <li>Blood</li> <li>Dirt</li> <li>Fecal matter</li> </ul> | <ul style="list-style-type: none"> <li>Fingerprints</li> <li>Food residue[s] -or- soil[s] -or- [mess]</li> <li>Laboratory stains</li> <li>Mold stains</li> <li>Other common soils - and/or- stains</li> </ul> | <ul style="list-style-type: none"> <li>Other organic matter</li> <li>Rust</li> <li>Pet odor</li> <li>Urine [stains]</li> </ul> |

| <b><i>Deodorization Claims: (These could appear anywhere on the label)</i></b>  |   |
|---|---|
| <ul style="list-style-type: none"> <li>Deodorizes</li> <li>Deodorizer</li> <li>Eliminates -or- removes food odors [like garlic -and/or- fish, -and/or- onion]</li> <li>Removes -or- eliminates [smoke] [urine] [feces] [fish] [foul] [body] odors</li> <li>Removes pet odors [like urine -and/or- feces]</li> <li>Neutralizes odors and kills odor-causing bacteria</li> <li>Eliminates -or- neutralizes -or- removes odor [caused by bacteria -and/or- fungi] [at their source]</li> <li>Kills - or- eliminates odor causing bacteria [in the kitchen -or- bathroom]</li> <li>No harsh chemical [fumes] [smells]</li> <li>No harsh alcohol smell</li> <li>Proven deodorization technology</li> </ul> | <ul style="list-style-type: none"> <li>[<b><i>This product</i></b>]deodorizes hard, nonporous surfaces [<b><i>Insert surface[s] from Tables 1-6</i></b>] [<b><i>use site[s] from Tables 1-6</i></b>] [where obnoxious odors may develop]</li> <li>[<b><i>This product</i></b>] deodorizes surfaces [<b><i>Insert surface[s] from Tables 1-6</i></b>] [<b><i>use site[s] from Tables 1-6</i></b>] and other places bacteria growth can cause malodors]</li> <li>[<b><i>This product</i></b>] deodorizes areas that hard to keep fresh smelling such as [<b><i>insert use site[s] from Tables 1-6</i></b>] [and other areas prone to odors caused by microorganisms]</li> </ul> |

| <b><i>Allergen Destruction Claims: (These could appear anywhere on the label)</i></b>  |   |
|--|---|
| <b><i>Allergens</i></b>  | <b><i>Claims</i></b>  |
| <ul style="list-style-type: none"> <li>Cockroach matter -or- particles</li> <li>Dust mite matter -or- particles</li> <li>Pet dander -or- dog and cat dander</li> </ul> | <ul style="list-style-type: none"> <li>Breaks down allergens</li> <li>Destroys -or-[Eliminates] -or- [Removes] allergens</li> <li>Destroys dust mite matter -or- particles, cockroach matter -or- particles, and pet dander allergens [found in dust]</li> <li>[Penetrates and] breaks down dust mite matter -or- particles, cockroach matter - or- particles, and pet dander allergens [found in dust]</li> <li>Reduces dust mite matter -or- particles, cockroach matter -or- particles, and pet dander allergens [found in dust]</li> <li>Reduces allergens</li> <li>This product kills germs and destroys allergens while cleaning hard, nonporous surfaces.</li> </ul> |

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| <b><i>Disinfection Claims (These could appear anywhere on the label):</i></b>   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Antimicrobial –and/or- antibacterial –and/or- antiviral***</li> <li>• Bacteria –and-or virus –and/or- fungi – and/or- germ fighting formula</li> <li>• Bactericide – or – Bactericidal</li> <li>• Broad spectrum disinfectant [cleaner]</li> <li>• Broad spectrum, [pH neutral], [water based], [fast acting] disinfectant</li> <li>• [Broad Spectrum] [and] Multi-purpose Disinfectant</li> <li>• Broad spectrum efficacy, killing pathogens causing HAIs –or- [Healthcare Associated Infections (HAIs)]</li> <li>• Can help reduce the risk of cross contamination</li> <li>• Cleans and disinfects hard non-porous surfaces at [<b><i>Insert use sites from Tables 1-6</i></b>]</li> <li>• Clean -and/or- disinfect on the go</li> <li>• [<b><i>Insert use sites from Tables 1-6</i></b>] Cleaner [and] [disinfectant] [and] [sanitizer]</li> <li>• Cleans[,] and disinfects [and deodorizes]</li> <li>• Cleans and/or [kills -or- eliminates -or- disinfects -or- destroys –or- removes -or- attacks -or- gets rid of] bacteria -and/or- germs –and/or- fungi [<b><i>refer to any relevant organism from organism list on page 9</i></b>] [in][:] [<b><i>Insert use sites from Tables 1-6</i></b>] [in] [as short as -or- as fast as -or- as little as] 3 min[ute]s</li> <li>• Cleans and [kills -or- eliminates -or- disinfects -or- destroys –or- removes -or- attacks -or- gets rid of] viruses*** [<b><i>refer to any relevant organism from organism list on page 9</i></b>] [in][:] [<b><i>Insert use sites from Tables 1-6</i></b>] [in] [as short as -or- as fast as -or- as little as] 60 sec[ond]s-or-1 min[ute]</li> <li>• Clean[s]. disinfect[s]. [and] deodorize[s]</li> <li>• Cleans [disinfects] [deodorizes] [kills] [removes] germs</li> <li>• Daily defense against [tough] [germs] [pathogens]</li> <li>• Delivers disinfection and [great] [more] surface coverage to save you time and money</li> <li>• Deodorizes by disinfecting</li> <li>• Designed for healthcare</li> <li>• Disinfecting formula</li> <li>• Disinfectant cleaner designed for general cleaning and disinfecting hard, non-porous surfaces at [<b><i>Insert use sites from Tables 1-6</i></b>]</li> <li>• Disinfection technology</li> <li>• Disinfects odor causing bacteria</li> <li>• Easy - and or - convenient way to disinfect</li> </ul> | <ul style="list-style-type: none"> <li>• Easy and convenient disinfecting</li> <li>• Easy convenient disinfecting</li> <li>• Effective against -or- [kills] Multidrug Resistant Organisms [MDROs]++ [<b><i>refer to any relevant organism from organism list on page 9</i></b>]</li> <li>• Effective against -or- Kills pathogens [<b><i>refer to organism list on page 9</i></b>]</li> <li>• Effective against the tough non-enveloped Norovirus</li> <li>• Fights –or- effective against –or- kills [Bacteria] and/or [Fungi] [<b><i>refer to any relevant organism from organism list on page 9</i></b>] in 3 min[ute]s</li> <li>• Fights –or- effective against –or- kills Virus*** [<b><i>refer to any relevant organism from organism list on page 9</i></b>] in 1 min[ute] –or- 60 sec[ond]s]</li> <li>• Controls cross contamination</li> <li>• Fights –or- effective against –or- kills Influenza A Virus –or- [<b><i>Insert any relevant organism from organism list on page 9</i></b>]</li> <li>• Fights –or- effective against –or- kills bloodborne pathogen[s]+ [<b><i>Insert any relevant bloodborne pathogen from organism list on page 9</i></b>]</li> <li>• Fights –or- effective against –or- kills flu viruses</li> <li>• For hospital [&amp;] [veterinary] hard nonporous surfaces</li> <li>• For instrument pre-cleaning &amp; disinfection of noncritical instruments</li> <li>• For daily defense against outbreaks in [the] or [your] hospital</li> <li>• For healthcare use</li> <li>• For hospital use</li> <li>• Formulated –or- super-oxidized water-based disinfectant</li> <li>• Formulated with [patented] hypochlorous acid technology</li> <li>• [Formulated with] [patented] engineered water [technology]</li> <li>• Fungicide - or – Fungicidal</li> <li>• Germicidal spray</li> <li>• Germicide –or- germicidal</li> <li>• Helps [reduce] [prevent] cross contamination</li> <li>• Hospital disinfectant cleaner</li> <li>• Hospital cleaner -and / or- disinfectant</li> </ul> |

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| <b><i>Disinfection Claims (These could appear anywhere on the label) Continued</i></b>   |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Instrument presoak disinfectant</li> <li>• Kills microorganisms</li> <li>• Kills [Blood Borne] Pathogens+ –and/or- [Viruses***] in one min[ute] –or- 60 sec[ond]s [+refer to relevant organisms from the organism list on page 9]</li> <li>• Kills -or- eliminates -or- disinfects -or- destroys –or- removes -or- attacks -or- gets rid of [multi-]drug resistant bacteria++ [++refer to any relevant organism from organism list on page 9] in 3 min[ute]s</li> <li>• Kills or- eliminates -or- disinfects -or- destroys –or- removes -or- attacks -or- gets rid of Norovirus in 1 min[ute] –or- 60 sec[ond]s</li> <li>• Kills or- eliminates -or- disinfects -or- destroys –or- removes -or- attacks -or- gets rid of food poisoning germs*,***[refer to any relevant organism from organism list on page 9]</li> <li>• Kills germs</li> <li>• Kills drug resistant MRSA and VRE</li> <li>• Kills a wide range of pathogens*,**,*** [refer to organism list on page 9]</li> <li>• Kills a wide range of germs*,**,*** [refer to organism list on page 9]</li> <li>• Kills –or- destroys –or- eliminates fungus in 3 min[ute]s</li> <li>• Kills athlete's foot fungus</li> <li>• Kills bacteria, and/or [fungi] [refer to any relevant organism from organism list on page 9] in [as short as] [as fast as] [as little as] 3 min[ute]s</li> <li>• Kills virus*** [***refer to any relevant organism from organism list on page 9] in [as short as] [as fast as] [as little as] 1 min[ute] –or- 60 sec[ond]s</li> <li>• Kills -and/or- [eliminates] [disinfects] [destroys] [removes] [attacks] [gets rid of] bacteria -and/or- germs -and/or- bloodborne pathogens –and/or- viruses*** [on] [insert use sites from Tables 1-6]</li> </ul> | <ul style="list-style-type: none"> <li>• Kills –or – destroys –or- effective against fungus –or fungi</li> <li>• Kills with oxidizing power to help prevent drug resistant organisms (strains)</li> <li>• Meets OSHA bloodborne pathogen standards</li> <li>• Multi-purpose cleaner –and/or- disinfectant</li> <li>• Hard non-porous surface cleaner –and/or- disinfectant</li> <li>• Oxidizing agent to provide disinfection</li> <li>• One step virus*** or antiviral*** disinfectant</li> <li>• One step virucide***</li> <li>• Proven disinfection technology</li> <li>• [Powered by] HSP [technology]</li> <li>• Ready to use disinfectant cleaner</li> <li>• Ready to use [formula]</li> <li>• [Product Name] [This product] meets EPA standards for hospital disinfection</li> <li>• Super-oxidized water works by oxidizing microorganisms for complete/broad spectrum disinfection</li> <li>• Touch up cleaning/disinfection</li> <li>• Tough on germs, easy on surfaces</li> <li>• Tough on germs, easy to use around patient[s] [areas]</li> <li>• Tough on germs, easy enough for everyday use</li> <li>• Two in one, no sacrifice on cleaning and disinfecting</li> <li>• Two in one, cleaning and disinfecting</li> <li>• Use in places you are concerned about bacteria -and/or- viruses -and/or- germs</li> <li>• Use where hazards of cross-contamination between treated surfaces is of primary importance at different sites (see sites and surfaces from Tables 1-6)</li> <li>• Use -or- cleans and disinfects on healthcare surfaces</li> <li>• Virucide*** – or – Virucidal***</li> <li>• When used according to the directions for use, this product disinfects hard non-porous surfaces including [insert use sites from Tables 1-6] [insert surfaces from Tables 1-6]</li> </ul> |

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### ***Emerging Viral Pathogen Claims***

This product qualifies for emerging viral pathogen claims per the EPA's 'Guidance to Registrants: Process for Making Claims Against Emerging Viral Pathogens not on EPA-Registered Disinfectant Labels' when used in accordance with the appropriate use directions indicated below.

This product meets the criteria to make claims against certain emerging viral pathogens from the following viral category[ies]:

- Enveloped viruses
- Large non-enveloped viruses

|  |  |
|--|--|
| <i>For an emerging viral pathogen that is a/an..</i> | <i>..follow the directions for use for the following organisms on the label:</i> |
| Enveloped viruses                                    | Norovirus  |
| Large non-enveloped viruses                          | Norovirus  |

Hsp2O has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, non-porous surfaces. Therefore, Hsp2O can be used against [name of emerging virus] when used in accordance with the directions for use against Norovirus on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [pathogen-specific website address] for additional information.

[Name of illness/outbreak] is caused by [name of emerging virus]. Hsp2O kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against Norovirus on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [website address] for additional information.

## **DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

### **CLEANING AND GENERAL USE APPLICATIONS**

**To Clean [Nonporous] Surfaces -and/or- Floors:** Spray soiled area, then wipe clean. -or- For spot cleaning, spray and wipe clean with damp sponge -or- mop or cloth.

**To Clean and Deodorize Toilets:** To clean and deodorize toilet bowl, squirt liberally (1/2 cup) on toilet sides and upper toilet bowl rim. Swab -or- brush all surfaces and flush.

### **DEODORIZATION APPLICATIONS**

**To Deodorize Hard, Non-Porous Surfaces:** Spray until thoroughly wet -or- Apply [this product] with [trigger sprayer] to completely wet all surfaces. Let stand for appropriate contact time [to kill odor causing [bacteria] [microorganisms] [organisms]]. Then wipe. For heavily soiled areas, a precleaning is required.

### **ALLERGEN DESTRUCTION APPLICATIONS**

**To [clean and] destroy specified allergens:** Apply this product, wait 1 minute, and wipe excess. [Rinse.] Allow to air dry. [If streaking is observed, wipe with a clean, damp [cloth or] paper towel.]

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## **DISINFECTION APPLICATIONS**

### ***Hard, Non-porous Indoor Surface Disinfection :***

#### **To [clean and] disinfect [and deodorize] Hard, Non-Porous Surfaces:**

Preclean heavily soiled areas. Clean before disinfecting. Apply [wipe or dip] [*product name*] [*this product*] with a cloth, wipe, mop, sponge, or coarse spray. Let stand [for] 1 min[ute] for [*Insert Virus from organism list on page 9*] – and/or- [for] 3 min[ute]s for [*Insert Bacteria or Fungi from organism list on page 9*]. [Allow surfaces to air dry.] For food contact surfaces rinse with potable water. For all others, no rinsing is required. [Do not use on utensils, glasses or dishes.] For heavily soiled areas, a preliminary cleaning is required.

#### **[KILLS HIV, HBV and HCV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS**

In healthcare settings or other settings In which there is an expected likelihood of soiling of inanimate surfaces/objects with blood/body fluids and In which the surfaces/objects likely to be soiled with blood/body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV 1), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

Special Instructions for Cleaning and Decontamination against HIV 1 (AIDS Virus) HBV and HCV on Surfaces/Objects Soiled with Blood/Body Fluids: **Personal Protection** When handling items soiled with blood or body fluids use disposable gloves gowns masks and eye coverings.

**Cleaning Procedure** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before applying this product **Contact Time** Let stand [for] 1 or one min[ute]. **Disposal of Infectious Materials** Use disposable impervious gloves gowns masks and eye coverings Blood and other body fluids must be autoclaved and disposed of according to local regulations for infectious waste disposal

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## **MEDICAL AND DENTAL APPLICATIONS**

For use on Hard, Non-Porous Surfaces.

**To Pre-clean Instruments, Equipment and Surfaces Prior to Disinfection:** Apply [***product name***] [***this product***] directly to the surface. Allow to remain wet for 30 seconds. Wipe surface using a paper or cloth towel to dry. Discard towel.

**To Disinfect Non-critical Instruments and Equipment Surfaces:** Thoroughly pre-clean surfaces prior to disinfection with [***product name***] [***this product***]. Apply [***product name***] [***this product***] directly to pre-cleaned surfaces, thoroughly wetting area to be disinfected. Allow the surface to be wet for 3 min[ute]s at room temperature (69°F / 20°C). Wipe surface using a paper or cloth towel to dry. Discard towel.

**To Use As a Pre-cleaning Immersion Solution:** Fill appropriate size container with a sufficient amount of [***product name***] [***this product***] as to allow for complete submersion of instruments. Place instruments into [***product name***] [***this product***] disinfectant solution, cover and allow to soak for 1 min[ute] at room temperature (69°F / 20°C). Remove and rinse the instruments. Follow with appropriate disinfection process by following directions for that product. When the solution becomes diluted or visibly soiled, change solution.

**To Use As a Pre-cleaning Spray:** Place instruments into suitable container. Spray [***product name***] [***this product***] disinfectant solution onto instruments so as to thoroughly wet all surfaces. Allow to remain wet for 30 seconds. Remove the instruments. Follow with appropriate cleaning and disinfection process by following directions for that product. When the solution becomes diluted or visibly soiled, change solution.

**To Use As an Ultrasonic Cleaning Solution:** Thoroughly pre-rinse instruments under [***product name***] [***this product***] or running water to remove visible gross debris. Fill ultrasonic unit with [***product name***] [***this product***] to a level which allows complete submersion of instrument. Immerse instruments into solution and activate ultrasonic unit for 3 min[ute]s. Remove instruments. Follow with appropriate disinfection process by following directions for that product. When the solution becomes diluted or visibly soiled, change solution.

**To Use As a Manual Cleaner:** Thoroughly pre-rinse instruments under [***product name***] [***this product***] or running water to remove visible gross debris. Fill container with [***product name***] [***this product***] to a level which allows complete submersion of instrument. Immerse instruments into solution and scrub for 30 sec[ond]s. Allow the instruments to remain submerged for 3 min[ute]s. Remove instruments. Follow with appropriate disinfection process by following directions for that product. When the solution becomes diluted or visibly soiled, change solution.

**To Disinfect Non-critical, Pre-cleaned Medical Instruments:** Instruments must be thoroughly pre-cleaned to remove excess organic debris, rinsed and thoroughly dried. (Clean and rinse lumens of hollow instruments before filling with solution or before immersion.) Using either a soaking tray or an ultrasonic unit, immerse instruments into [***product name***] [***this product***] solution and scrub for 3 min[ute]s. Remove instruments. Wipe surface using a paper or cloth towel to dry prior to use. Discard towel. The solution must be discarded after each use.

Note: Critical and semi-critical devices must be followed by an appropriate terminal sterilization / high level disinfection process.

The product is not to be used as a terminal sterilant / high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization of high level disinfection.

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## **VETERINARY / ANIMAL FACILITIES APPLICATIONS**

To Clean and Disinfect in a Veterinary Application: Use to clean and disinfect hard, nonporous surfaces such as feeding and watering equipment, cages, utensils, instruments, kennels, stables, catteries, etc. Remove all animals and feed from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings, and manure from walls, floors, and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering equipment. Preclean all surfaces with soap or detergent and rinse with water. Saturate surfaces with **[product name] [this product]** and let stand for 3 min[ute]s [at room temperature]. Thoroughly scrub all treating, feeding, and watering appliances with soap or detergent, and rinse with potable water before re-use.

Disinfection of animal quarters and kennels: To clean and disinfect hard nonporous surface, remove all animals and feeds from premises. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with **[product name] [this product]** for a period of 3 min[ute]s. Immerse handling and restraining equipment such as leashes, muzzles, halters, or ropes. Allow equipment and housing to completely dry after use and before returning animals.

## **AGRICULTURAL APPLICATIONS**

For live stock or poultry facilities or dairy farms, remove all the animals and feeds from the premises, vehicles, coops, crates, and enclosures. Remove all the litter, manure and droppings from the floors, walls and surfaces of barns, pens chutes and other facilities occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Remove gross filth. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with **[product name] [this product]** for a period of 3 min[ute]s. Immerse all halters, ropes and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Rinse with potable water before reuse.

For cut flowers or plants, dilute **[product name] [this product]** with water by 1:20 ratio to spray on the flowers or plants, and put in the vase to mitigate and retard the growth of non-public health micro-organisms affecting the health and longevity of the flowers or plants. Repeat and change water if it gets murky. (**Note: not for use in the state of California**)

## **FOOD PROCESSING APPLICATIONS**

For use on Hard, Non-Porous Surfaces.

To disinfect food processing premises: floors, walls and storage areas. Preclean heavily soiled areas. Apply **[product name] [this product]** until it is covered with the solution. Allow this product to penetrate and remain wet for 3 min[ute]s to kill **[Insert any relevant organism from organism list on pages 9]**. Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be precleaned before using this product.

To disinfect food processing equipment and containers: apply **[product name] [this product]** until it is covered with the solution. Allow this product to penetrate and remain wet for 3 min[ute]s to kill **[Insert any relevant organism from organism list on pages 9]**. Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be precleaned before using this product.

## **OIL AND GAS APPLICATIONS**

**Frac Water:** For typical water treatment, mix 10 US gallons of **[product name] [this product]** (250ppm FAC) with 990 US gallons of frac water to 2.5ppm FAC to mitigate and retard the growth of non-public health micro-organisms such as anaerobic bacteria, aerobic bacteria and sulfate reducing bacteria to protect fracturing fluids, polymers and gels.

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**Sour Wells:** For typical water treatment, slug dose 336 US gallons of **[product name] [this product]** (250ppm FAC) into the well bore on a daily or weekly basis to control unwanted non-public health microorganisms, reduce hydrogen sulfide gas and restore well integrity.

**Produced Waters:** For typical produced water treatment, mix 42 gallons of **[product name] [this product]** (250ppm FAC) with 958 US gallons of produced water to 10.5ppm FAC to retard the growth of non-public health microorganisms.

**Heater Treaters: Hydrocarbon Storage Facilities & Gas Storage Wells:** For typical storage facility treatment, mix 252 gallons of **[product name] [this product]** (250ppm FAC) into the water phase of the mixed hydrocarbon / water system to retard the growth of non-public health microorganisms, control the formation of hydrogen sulfide and reduce corrosion of the storage tanks.

**Water Flood Injection Water:** For typical water flood injection water treatment, mix 42 US gallons of **[product name] [this product]** (250ppm FAC) with 958 US gallons of injection water to 10.5ppm FAC to retard the growth of non-public health microorganisms and control slime in pipelines.

**Oil and Gas Transmission Lines:** For typical transmission line treatment, slug dose 840 gallons of **[product name] [this product]** (250ppm FAC) into the transmission line on a daily or weekly basis to control unwanted non-public health microorganisms, such as SRBs, reduce microbiologically influenced corrosion (MIC).

### **Organism List**

**\*Bacteria:** Staphylococcus aureus [(S. aureus)] [ATCC 6538], Pseudomonas aeruginosa [(P. aeruginosa)] [ATCC 15442], Salmonella enterica [(S. enterica)] [ATCC 10708], Methicillin-resistant Staphylococcus aureus [(MRSA)] [ATCC 43300], E. coli O157:H7 [ATCC 35150], Vancomycin resistant Enterococcus faecalis [(VRE)] [ATCC 51299], Acinetobacter baumannii [(A. baumannii)] [ATCC 19606],

**\*\*Fungi:** Trichophyton mentagrophytes [(T. mentagrophytes)] [(Athlete's Foot Fungus)] [ATCC 9533]

**\*\*\*Enveloped Virus:** Influenza A virus [ATCC VR-544, Strain Hong Kong], Hepatitis B Virus [(HBV)] Duck Hep B Virus (DHBV) as surrogate), Hepatitis C Virus [(HCV)] (Bovine Viral Darrhea Virus (BVDV) as surrogate), Human Immunodeficiency Virus [(HIV)] [Type 1] [(Aids Virus)]

**\*\*\*Non-enveloped Virus:** Norovirus (Feline Calicivirus as surrogate)

**+Bloodborne Pathogen:** Hepatitis B Virus [(HBV)] Duck Hep B Virus (DHBV) as surrogate), Hepatitis C Virus [(HCV)] (Bovine Viral Darrhea Virus (BVDV) as surrogate), Human Immunodeficiency Virus [(HIV)] [Type 1] [(Aids Virus)]

**++Drug Resistant Bacteria:** Methicillin-resistant Staphylococcus aureus [(MRSA)] [ATCC 43300], Vancomycin resistant Enterococcus faecalis [(VRE)] [ATCC 51299], Acinetobacter baumannii [(A. baumannii)] [ATCC 19606],

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***For Use on Hard, Non-Porous Surface at the Following Sites (including but not limited to):***

| <b>TABLE 1:</b>  |  |
|--|--|
| <p><b>Healthcare:</b></p> <ul style="list-style-type: none"> <li>• Hospitals including emergency rooms, critical and intense care units, neonatal units, isolation areas and quarantine rooms etc.</li> <li>• Cleanrooms</li> <li>• Compounding pharmacies</li> <li>• Health clinic[s] –or- doctor’s offices</li> <li>• Dental clinics and offices</li> <li>• Ophthalmic and optometric facilities, and eye surgical centers</li> <li>• Nursing homes –or- retirement homes</li> <li>• Operating rooms, patient rooms,</li> <li>• Veterinary clinics and offices, -or- animal hospitals, -or- animal housing and grooming facilities</li> <li>• Pet shops</li> <li>• Pharmacies</li> <li>• Zoos</li> <li>• Laboratories –or- animal life science laboratories</li> </ul> | <p><b>Hospitality &amp; Household</b></p> <ul style="list-style-type: none"> <li>• Hotels</li> <li>• Motels</li> <li>• Bed and Breakfasts</li> <li>• Hostels</li> <li>• Mobile homes</li> <li>• Homes</li> <li>• Condos</li> <li>• Apartments</li> <li>• Lodging establishments</li> </ul>   |
| <p><b>Food Processing &amp; Service:</b></p> <ul style="list-style-type: none"> <li>• Food processing facilities</li> <li>• Commercial -and/or- institutional kitchens</li> <li>• Food service facilities</li> <li>• Restaurant and</li> <li>• Bars</li> <li>• Cafeterias</li> <li>• Deli</li> <li>• Fast food restaurants</li> </ul>  | <p><b>Commercial Facilities</b></p> <ul style="list-style-type: none"> <li>• Supermarkets, -or- convenience stores, -or- liquor stores</li> <li>• Office buildings</li> <li>• Retail businesses</li> <li>• Athletic facilities, -or- fitness centers, -or- gymnasiums</li> <li>• Shower rooms, locker rooms</li> <li>• Public recreational facilities – amusement parks, -or- movie theatres, -or- bowling alleys, -or- indoor playgrounds, -or- camp grounds, -or- clubs</li> <li>• Barber shops, -or- hair and nail salons, -or- tanning salons, -- or- spas</li> <li>• Public restrooms, -or- dressing rooms</li> <li>• Day care centers</li> <li>• Laboratories</li> <li>• Convention centers</li> </ul> |
| <p><b>Industrial Applications</b></p> <ul style="list-style-type: none"> <li>• Pharmaceutical and medical device producing establishments</li> <li>• Manufacturing facilities</li> <li>• Industrial facilities</li> <li>• Beverage and breweries (beer, wine, liquor production)</li> <li>• Warehouses and distribution centers</li> <li>• Paper manufacturing facilities</li> </ul>   | <p><b>Institutions &amp; Government:</b></p> <ul style="list-style-type: none"> <li>• Schools (Pre-, elementary, grade, high)</li> <li>• College –or- university –or- dorms –or- dormitories</li> <li>• Government office buildings</li> <li>• Prisons –or- correctional facilities</li> <li>• Police stations</li> <li>• Fire stations</li> <li>• Barracks and other military accommodations</li> <li>• Post offices</li> <li>• Customs and immigration facilities</li> <li>• Churches</li> </ul>   |
| <p><b>Public Transportation:</b></p> <ul style="list-style-type: none"> <li>• Cruise ships</li> <li>• Ships and boats</li> <li>• Airplanes [Airport]</li> <li>• Trains, and buses</li> <li>• Transportation terminals</li> <li>• Trucks and cars</li> <li>• Taxis and limo</li> <li>• Trailers and campers</li> </ul>  | <p><b>Agriculture:</b></p> <ul style="list-style-type: none"> <li>• Live stock facilities</li> <li>• Live poultry facilities</li> <li>• Dairy farms</li> <li>• Arboretum</li> <li>• Green houses and gardens</li> </ul>  |

This product is not for outdoor residential consumer use.

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**For Use on Hard, Non-Porous Indoor Surface at the Following Sites (includes but not limited to):**

| <i>General</i>  |  |   |   |
|---|--|---|---|
| <ul style="list-style-type: none"> <li>• Appliances</li> <li>• Anesthesia Machines</li> <li>• Animal Cages</li> <li>• Automobile interiors</li> <li>• Bathroom fixtures</li> <li>• Bathtubs</li> <li>• Bed railings</li> <li>• Bidets</li> <li>• Cabinets</li> <li>• Chairs (sealed wood and metal)</li> <li>• Computers</li> <li>• Counters</li> <li>• Cribs</li> <li>• Dental irrigation equipment surfaces</li> <li>• Desks</li> <li>• Diaper changing tables</li> <li>• Door knobs</li> <li>• Drinking fountains</li> </ul> | <ul style="list-style-type: none"> <li>• Eyeglasses</li> <li>• Fax machines</li> <li>• Faucets</li> <li>• Floors</li> <li>• Garbage cans</li> <li>• Gardening tools</li> <li>• Glazed tile</li> <li>• Gymnasium / fitness equipment</li> <li>• Haircutter blades</li> <li>• Hair dryers</li> <li>• Hand rails</li> <li>• Headsets</li> <li>• High Chairs</li> <li>• Keyboards</li> <li>• Litter boxes</li> <li>• Metal</li> <li>• Manicure table</li> <li>• Microwave oven exteriors</li> <li>• Mirrors</li> <li>• Nail files</li> <li>• Non-critical medical equipment and devices</li> </ul> | <ul style="list-style-type: none"> <li>• Oxygen hood surface</li> <li>• Physical therapy equipment</li> <li>• Railings</li> <li>• Razors</li> <li>• Refrigerator exteriors</li> <li>• Respiratory equipment</li> <li>• Salon surfaces</li> <li>• Saunas</li> <li>• Scissors</li> <li>• Seats</li> <li>• Shampoo bowls</li> <li>• Showers</li> <li>• Sinks</li> <li>• Stainless steel</li> <li>• Steam rooms</li> <li>• Stoves</li> <li>• Stovetops</li> <li>• Stretchers</li> <li>• Surgical beds / tables</li> </ul> | <ul style="list-style-type: none"> <li>• Tabletops</li> <li>• Telephones</li> <li>• Toilet exteriors</li> <li>• Trashcans</li> <li>• Tubs</li> <li>• Tweezers</li> <li>• Urinal exteriors</li> <li>• Walls</li> <li>• Workstations</li> </ul> |

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**For use on Hard, Non-Porous Surfaces**

**TABLE 2: Medical**

| <b>Use Sites:</b>  |  |  |
|--|--|--|
| Ambulances -or- [Emergency Medical]<br>Transport Vehicles  | [Hospital] Kitchens<br>Hospices<br>Hospitals   | Patient Areas<br>Patient Restrooms<br>Patient Rooms  |
| Ambulatory Surgical Centers (ASC)  | Intensive Care Units -or- ICU[s]<br>[areas]  | [Pediatric] Examination Rooms -or- Areas   |
| Anesthesia Rooms or Areas<br>[Assisted Living -or- Full Care]<br>Nursing Homes   | Isolation Areas<br>Laundry Rooms<br>Laboratories   | Pediatric Intensive Care Units [PICU]<br>Pharmacies  |
| Carts<br>CAT Lab[oratories]  | Long Term Care Facilities<br>[Medical] Clinics   | Physical Therapy Rooms -or- Areas<br>Physicians' Offices   |
| Central Service Areas<br>Central Supply Rooms -or- Areas   | Medical Facilities<br>Medical -or- Physician's -or- Doctor's<br>Offices  | Psychiatric Facilities<br>Public [Care] Areas  |
| Cleanrooms<br>Compounding pharmacies   | Newborn -or- Neonatal [Nurseries]<br>[Intensive Care] Units [NICU]   | Radiology -or- X-Ray Rooms -or- Areas<br>Recovery Rooms .  |
| Critical Care Units -or- CCUs<br>Dialysis Clinics [Facilities]   | Nursing Homes<br>Nursing -or- Nurses' Stations   | Rehabilitation Centers<br>Respiratory Therapy Rooms -or- Areas   |
| Doctors' Offices<br>Donation Centers [blood] [plasma]<br>[semen] [milk] [apheresis]  | Operating Rooms<br>Ophthalmic Offices  | Restroom<br>Surgery Rooms -or- Operating<br>Rooms  |
| Emergency Rooms -or- ERs<br>Eye Surgical Centers<br>Health Care Settings -or- Facilities<br>Home Health Care [Settings]  | Orthopedics<br>Out-Patient [Surgical Centers<br>(OPSC)]<br>[Clinics] [Facilities]  | -or- ORs<br>Waiting Rooms -or- Waiting Areas   |
| <b>Surfaces:</b>   |  |  |
| air vents<br>anesthesia machines<br>apheresis machines<br>autoclaves<br>bathroom doorknob<br>bedpans<br>bed rails<br>[bedside] commodes<br>bedside tables<br>blood pressure (BP) monitors<br>cabinet handles<br>call boxes<br>CAT -or- Computerized Axial<br>Tomography equipment<br>carts<br>cellular phones<br>charging stations<br>closet handles<br>coated mattresses<br>coated pillows<br>computer peripherals<br>computer screens<br>computer tables<br>cords<br>counters<br>[crash] [emergency] carts<br>diagnostic equipment<br>dialysis machines<br>docking stations<br>environmental surfaces<br>[exam -or- examination] tables<br>exterior surfaces of air vents -or- air<br>vent exteriors external surfaces of<br>[medical] equipment -or- [medical]<br>equipment surfaces<br>[external] [surfaces of] ultrasound<br>transducers [-and/or- probes]<br>exterior of pipes | footboards<br>glucometers<br>gurneys<br>handheld [electronic] devices<br>hard, nonporous edges of privacy<br>curtains<br>hard, nonporous [environmental]<br>hospital -or- medical surfaces<br>headboards<br>hard, nonporous high touch surfaces<br>[hospital -or- patient] bed[s] [springs]<br>[railings] [frames] [linings]<br>infant incubators and care cribs<br>infant warmers<br>[inner] [inside of] drawers<br>Isolettes<br>Isolator hoods<br>IV [stands] [pumps] [poles]<br>keyboards<br>laptops<br>large surfaces<br>loupes<br>mammography equipment<br>[Mayo] [instrument] stands<br>medication carts<br>computer mouse [mice]<br>mobile devices<br>mobile electronic equipment<br>mobile workstations<br>mouse pads<br>MRI -or- Magnetic Resonance<br>Imaging Equipment<br>nurse-call [devices] [buttons] [and<br>cords]<br>operating room tables and lights<br>operator light switches<br>oxygen hoods<br>overbed tables<br>paddles<br>pagers | [patient] chairs<br>patient monitoring equipment<br>patient support and delivery<br>equipment<br>phlebotomy trays<br>physical therapy (PT) equipment and<br>surfaces<br>phone cradle<br>plastic mattress covers .<br>power cords<br>pulse oximeters<br>PVC tubing<br>reception counters -or- desks -or-<br>areas<br>remote controls<br>respirators<br>respiratory therapy equipment<br>scales<br>sequential compression devices<br>shower fixtures<br>side rails<br>slit lamps<br>small surfaces<br>spine backboards<br>stethoscopes<br>stools<br>stretchers<br>support bars<br>tablet PCs<br>toilet hand holds<br>traction devices<br>walls [around toilet] [in patient rooms]<br>wash basins<br>wheelchairs<br>x-ray equipment |

**For use on Hard, Non-Porous Surfaces**

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**TABLE 3: Dental**

| <b>Use Sites:</b>             | <b>Surfaces:</b>                           |                                    |
|-------------------------------|--|------------------------------------|
| Dental Operatories            | amalgamators -and/or- dental curing lights | hard, nonporous [environmental]    |
| Dental -or- Dentist's Offices | dental countertops                         | dental surfaces                    |
| Examination Rooms             | dental operator surfaces                   | light lens covers                  |
|                               | dentists' -or- dental chairs               | pulp testers and motors            |
|                               | dental unit instrument trays               | reception counters -or- desks -or- |
|                               | endodontic equipment such as apex locators | areas                              |

**TABLE 4: Veterinary:**

| <b>Use Sites:</b>                                    |                                      | <b>Surfaces:</b>                                    |
|--|--------------------------------------|---|
| Animal [Pet] Housing [Kennels] [Facilities]          | Pet [Areas] [Quarters]               | animal equipment                                    |
| Animal Holding Areas                                 | Pet Shops -or- Stores                | automatic feeders                                   |
| Animal life Science Laboratories                     | Small Animal Facilities              | cages   |
| [Animal -or- Pet] Grooming Facilities                | Tack Shops                           | exterior surfaces of fountains                      |
| Animal Transportation Vehicles                       | Veterinary Clinics -or- Facilities   | external surfaces of [veterinary] equipment         |
| Breeding Establishments                              | Veterinary [Offices] [Waiting Rooms] | exterior surfaces of watering appliances            |
| Dairy Farms  | Veterinary -or- Animal Hospitals     | feed racks  |
| Equine Farms   | Veterinary [Examination Rooms]       | hard, nonporous [environmental] veterinary surfaces |
| Farms  | Veterinary [X-ray Rooms]             | pens  |
| Kennels  | Veterinary [Operating Rooms]         | reception counters -or- desks -or- areas            |
| Livestock -and/or- Swine -and/or- Poultry Facilities | Zoos                                 | stalls  |
|  |                                      | troughs   |
|  |                                      | veterinary care surfaces                            |

**TABLE 5: Food Service:**

| <b>Use Sites:</b>                             | <b>Surfaces:</b>   |   |
|---|--|---|
| Banquet Halls                                 | any washable (food and non-food contact)                         | oven[s] exteriors   |
| Bars  | hard, nonporous inanimate surface where disinfection is required | plastic salad bar sneeze guards                             |
| Cafeterias                                    | appliance exteriors  | refrigerator[s] exteriors                                   |
| Catering Facilities                           | appliances   | stoves -or- stovetops                                       |
| Commercial -or- Institutional Kitchens        | dish racks   |   |
| Delis [Delicatessens]                         | drainboards  | A potable water rinse is required for food contact surfaces |
| Fast Food Chains -or- Restaurants             | food cases   |   |
| Food Preparation and Processing Areas         | food trays   |   |
| Food [Service -or- Processing] Establishments | freezers   |   |
| Food Serving Areas                            | glass salad bar sneeze guards                                    | Do not use on glassware, utensils or dishes                 |
| [Front of] Restaurants                        | hoods  |   |
| Other Food Service Establishments             | microwave[s] exteriors   |   |
| Restaurants                                   |  |   |
| School Kitchens                               |  |   |

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**For use on Hard, Non-Porous Surfaces**

**TABLE 6: Other**

| <b>Use Sites:</b>                    |  |  |
|--------------------------------------|--|--|
| Airplanes [Airports]                 | Greenhouses  | Pet Areas                                  |
| Ambulances                           | Grocery Stores                                     | Pet Shops and Other Animal Care Facilities |
| Amusement parks                      | Gymnasiums -or- Gyms                               | Pharmacies                                 |
| Athletic [Recreational] Facilities   | Health Club[s] [Facilities]                        | Play Areas -or- Rooms                      |
| Barber Shops                         | Homes  | [Police -and/or- Fire] Vehicles            |
| Basements                            | Home Centers                                       | Produce Areas                              |
| Bathrooms                            | Hotels   | Public Areas                               |
| Bathroom -or- Locker Room Facilities | Housing facilities                                 | Public Facilities                          |
| Beauty [Salons] [Shops]              | Industrial Facilities                              | Public Restrooms                           |
| Bedrooms                             | Institutional [Kitchens][Bathrooms]                | Public Telephone[s] [Booths]               |
| Blood Banks                          | [Institutional] Laundromats                        | Recreational Centers -or- Facilities       |
| Bowling Alleys                       | Institutions                                       | Rest Stops-                                |
| Buses                                | [Interior hard, nonporous surfaces of] Rental Cars | Restaurants                                |
| Butcher Shops                        | Kennels  | Restrooms -or- Restroom Areas              |
| Cafeterias                           | Kitchen[s] [Surfaces]                              | Retail and Wholesale Establishments        |
| Campers                              | Laboratories                                       | Retail Businesses                          |
| Campgrounds                          | Laundromats  | [Retail] [Wholesale] Florists              |
| Churches                             | Laundry Rooms                                      | School Buses                               |
| Colleges                             | Lavatories   | Schools                                    |
| Convenience Stores                   | Libraries  | Shelters                                   |
| Convention Centers                   | Locker Rooms                                       | Shippers                                   |
| Correctional Facilities              | Lodging Establishment                              | Shopping Centers                           |
| Cruise Ships                         | Lounges  | Shops                                      |
| Dairy Farms                          | Malls  | Shower Rooms                               |
| [Damp] Storage Areas                 | [Manufacturing] Plants                             | Spas [Massage/Facial] [Hair/Nail] [Salons] |
| Day Care Centers                     | Manufacturing Plants -or- Facilities               | Sports Arenas                              |
| Dens                                 | Markets  | Sports Stadiums                            |
| Dining halls                         | Mass Merchandisers, Discount Retailers             | Storage Rooms -or- Areas                   |
| Dorms                                | -and/or- General Merchandise Stores                | Subways                                    |
| Dormitories                          | Military Installations                             | Supermarkets                               |
| Elevators                            | Mobile Homes                                       | Tattoo Parlors                             |
| Emergency Vehicles                   | Mortuaries   | Toolsheds                                  |
| Factories                            | Motels   | Transportation Terminals                   |
| Fast Food Restaurants                | Motor Homes  | Trains                                     |
| [Food Processing] Plants             | Mudrooms   | Trolleys                                   |
| Food Storage Areas                   | Nurseries  | Universities                               |
| Funeral Homes                        | Office[sl] [Buildings]                             | Vacation Homes                             |
| Garages                              | Pet Animal Quarters                                | Warehouse Clubs                            |
| Garage Storage Areas                 |  | Work Stations                              |
| Garbage [Cans] [Disposals]           |  | Zoos                                       |
| [Garbage] [Waste] Storage Areas      |  |  |
| Gas Stations                         |  |  |

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## For use on Hard, Non-Porous Surfaces

**TABLE 6: Other Continued**

| Surfaces:                              |  |  |
|--|--|--|
| appliance exterior[s] [surfaces]       | finished -or- painted woodwork           | oven doors                             |
| appliance -or- cabinet knobs           | finished windowsills                     | packing benches                        |
| baked enamel                           | fixtures                                 | piano keys                             |
| bassinets                              | floors and walls of coolers              | pet areas -or- surfaces                |
| [bathroom] fixtures                    | floors [around toilets]                  | plastic laundry hampers -or- baskets   |
| [bathroom] [kitchen] faucet[s]         | flower buckets                           | plastic shower curtains                |
| [handles]                              | Hard non-porous furniture                | plastic surfaces associated with:      |
| [bath]tubs                             | freezer exteriors                        | floors, walls, fixtures, toilets,      |
| BP Monitors                            | garage surfaces                          | urinals, sinks, shower rooms           |
| bed frames                             | garbage -or- trash cans                  | and locker rooms                       |
| [behind and under] [counters]          | glass                                    | playpens                               |
| -or- countertops                       | glass-topped furniture                   | phones                                 |
| [behind and under] sinks]              | glazed ceramic [restroom surfaces]       | portable toilets                       |
| booster chairs                         | glazed [ceramic] tile[s]                 | [public -or- pay] telephones           |
| bottoms of pots and pans               | glazed porcelain [tiling -or- tile]      | -or- phone booths                      |
| burner trays                           | [grocery [store]-or- supermarket]        | range hoods                            |
| cabinets                               | carts                                    | recycling bins                         |
| cages                                  | [grocery [store] -or- supermarket]       | refrigerator door handles              |
| carts                                  | cart handles                             | refrigerator exterior                  |
| cell[ular]-or- wireless -or- mobile    | [grocery [store] -or- supermarket] cart  | remote controls                        |
| -or- digital phones                    | child seats                              | restroom fixtures                      |
| Hard non-porous chairs                 | gym[nastic] equipment                    | RVs                                    |
| changing tables                        | hampers                                  | sealed fiberglass polyester,           |
| chemotherapy hoods                     | [hand] railings -or- rails               | vinylester                             |
| [children's] furniture                 | hard, nonporous areas -or- surfaces      | and epoxy resins                       |
| chrome                                 | behind and under counters                | seats                                  |
| chrome exterior surfaces of urinals    | hard, nonporous areas -or- surfaces      | shelves [and drawers]                  |
| -and/or- toilets                       | behind and under sinks                   | shower[s] [area] [curtains] [doors]    |
| closets                                | hard, nonporous surfaces of car          | [stalls] [walls]                       |
| [clothes] [diaper] hampers             | interiors                                | signs                                  |
| computer mouse                         | hard, nonporous office -or- bedroom      | sill[s] ledge[s]                       |
| computers                              | -or- bedside furniture                   | sink[s] [basins]                       |
| [computer] keyboards                   | [hard] plastic -or- vinyl                | sports equipment                       |
| [computer] monitors                    | headsets                                 | stainless steel                        |
| cooler exteriors                       | high chairs [(non-food contact areas)]   | stall doors                            |
| cupboards                              | [Instrument] Stands                      | staplers                               |
| cribs                                  | [Interior hard, nonporous surfaces of]   | stereo consoles                        |
| crystal (non-food contact areas)       | automobiles                              | storage bins                           |
| desk[s] [tops]                         | [Interior hard, nonporous surfaces of]   | stovetops -or- stoves                  |
| [diaper -or- infant] changing [tables] | boats                                    | strollers                              |
| -or- areas [stations]                  | [Interior hard, nonporous surfaces of]   | synthetic marble                       |
| diaper pails                           | cars                                     | tables [tabletops]                     |
| dictating equipment [surfaces]         | [Interior hard, nonporous surfaces of]   | telephones                             |
| [dining] [fast food] [kitchen] [play]  | Ships                                    | tiled walls                            |
| [restaurant] [tray] tables             | [Interior hard, nonporous surfaces of]   | toilet area[s]                         |
| dining room surfaces -and/or- tables   | trailers                                 | toilet -and/or- urinal exterior[s]     |
| -and/or- fast food restaurant tables   | [Interior hard, nonporous surfaces of]   | [surfaces] -or- exterior toilet        |
| door[s] [handle[s]] [framers]]         | vehicles                                 | surfaces                               |
| doorknobs                              | [kids'] play [structures] [equipment]    | [toilet [flush]] [telephone] [cabinet] |
| drain boards                           | [furniture] [tables]                     | [dishwasher] [door] [faucet]           |
| drawer pulls                           | [kitchen] appliance exteriors            | handles                                |
| dressng carts                          | lamps                                    | toilet handle[s]                       |
| elevator buttons                       | large inflatable nonporous plastic       | toilet rim[s]                          |
| empty garbage bins                     | light fixtures -or- switches -or- panels | toilet seat[s]                         |
| exercise equipment                     | linoleum                                 | toilet top[s]                          |
| exercise machines                      | lockers'                                 | tools                                  |
| exercise mats                          | [medicine] cabinets                      | towel dispensers                       |
| exhaust fans                           | metal                                    | toys                                   |
| exterior -or- external toilet surfaces | metal blinds                             | toy boxes                              |
| exterior -or- external urinal surfaces | metal work benches                       | [training] toilets                     |
| faucets                                | microwave exterior                       | trash cans -or- compactors             |
| fax machine[s] [handles]               | office machinery                         | tray tables                            |
| [filing] [medicine] cabinets           | other telecommunication[s]               | tubs                                   |
| finished hardwood                      | equipment [surfaces]                     | [TV] Remote[s] [Control][s]            |
| finished -or- painted walls            | outside of [appliances]                  | vanity tops -or- vanities              |
|  | [microwaves] [refrigerators]             | vending machine surfaces               |

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|                                      |
|--------------------------------------|
| [vinyl] linoleum<br>walkers<br>walls |
|--------------------------------------|

**For use on Hard, Non-Porous Surfaces**

| <b>TABLE 6: Other Continued</b>  |   |
|--|---|
| <b>Surfaces:</b>   |   |
| washable ceilings  |   |
| [washable] floors [including linoleum, no-wax, vinyl, and glazed ceramic tile] |   |
| washable kitchen surfaces  |   |
| washable walls   |   |
| washers/dryers -or- washing machine exterior[s]                                |   |
| wastebaskets   |   |
| window [blinds] [shades]   |   |
| windows and mirrors  |   |
| windshields  |   |
| work benches   |   |
| wrestling mats   |   |
| <b>Surface Materials:</b>  |   |
| [baked] enamel   | plastic [lamine]te  |
| brass  | plexiglas   |
| chrome   | porcelain enamel  |
| copper   | sealed fiberglass   |
| [common] hard, nonporous [household -or- environmental] surfaces               | similar hard, nonporous surfaces except for those excluded by the label |
| formica  | stainless steel   |
| glass  | synthetic marble  |
| glazed ceramic [tile]  | vinyl [tile]  |
| glazed porcelain   |   |
| glazed porcelain enamel  |   |
| glazed tile  |   |
| hard, nonporous painted surfaces   |   |
| laminated surfaces   |   |
| Marlite  |   |
| Naugahyde  |   |

## PRECAUTIONARY STATEMENTS

### Environmental Hazard

[For containers ≥ 5 gallons] Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in its original sealed container at room temperature, away from direct sunlight and heat to avoid deterioration. If the product leaks or spills from the container, rinse the area with water and let it air dry.

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**Pesticide Disposal:** If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program.

**Container Disposal:**

[For containers < 5 gallons] Non-refillable Container. Do not refill or reuse container. Triple rinse then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

[For containers ≥ 5 gallons] Non-refillable Container. Do not refill or reuse container. Triple rinse as follows: Empty the remaining content into application equipment or a mix tank. Fill container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat the procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

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## OPTIONAL TEXT

### WARRANTY

HSP USA LLC warrants that this product conforms to the product specification on this label and is reasonable fit for the purposes set forth in the Directions of Use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE.

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